



National Research University Higher School of Economics (HSE)

Basic Curriculum

Field of study 38.03.01 Economics

Educational Programme "Economic Analysis"

Implementing unit: Faculty of Economic Sciences, HSE - Moscow

APPROVED
12.05.2022
Vice Rector
ROSHCHIN S.Y.
Signed with EDS

Years of Study: 2022/2023 - 2025/2026

Length of Programme: 4 years

Mode of Study: Full Time

Degree: Bachelor's degree

Block Code	Course	Subject type	Credits	Credits by Years				Planned Educational Programme Development Results
				1	2	3	4	
	Degree Programme		240,00	60,00	60,00	60,00	60,00	
	Major		159,00	55,00	36,00	38,00	30,00	
	Core Professional Block (Major)		111,00	52,00	30,00	29,00		
1	Probability Theory	C	5,00		5,00			GPC-1, GPC-2, GPC-3, PC-1, PC-2, PC-3, PC-5, PC-6, PC-7, PC-8, UC-1, UC-2, UC-6
2	Microeconomics-2	C	7,00		7,00			GPC-1, GPC-3, PC-1, PC-2, PC-3, PC-4, PC-7, UC-1, UC-2, UC-6
3	History of Economic Doctrines	C	3,00		3,00			GPC-1, GPC-2, GPC-3, PC-1, PC-2, PC-3, PC-4, PC-5, PC-7, PC-8, UC-1, UC-2, UC-6, UC-9
4	Macroeconomics 1	C	7,00		7,00			GPC-1, GPC-3, PC-1, PC-2, PC-3, PC-4, PC-7, UC-1, UC-2, UC-6
5	Mathematical Statistics	C	5,00		5,00			GPC-1, GPC-2, PC-1, PC-2, PC-3, PC-5, PC-6, PC-7, PC-8, UC-1, UC-2, UC-6
6	History of Modern Economic Science (offered in a foreign language)	C	3,00		3,00			GPC-1, GPC-2, GPC-3, PC-1, PC-2, PC-3, PC-4, PC-5, PC-7, PC-8, UC-1, UC-2, UC-6
7	Macroeconomics-2	C	6,00			6,00		GPC-1, GPC-3, PC-1, PC-2, PC-3, PC-4, PC-7, UC-1, UC-2, UC-6
8	Econometrics-1	C	5,00			5,00		GPC-1, GPC-2, GPC-3, PC-1, PC-2, PC-3, PC-4, PC-5, PC-7, UC-1, UC-2, UC-6
9	Machine Learning in Economics	C	3,00			3,00		GPC-1, GPC-3, PC-10, PC-15, PC-16, PC-5, PC-6, PC-7, UC-1, UC-2, UC-6

10	Financial Management	C	6,00			6,00		GPC-1, GPC-2, PC-1, PC-10, PC-11, PC-14, PC-2, PC-3, PC-4, PC-5, PC-8, UC-1, UC-2, UC-7
11	Econometrics-2	C	6,00			6,00		GPC-1, GPC-2, GPC-3, PC-1, PC-2, PC-3, PC-4, PC-5, PC-7, UC-1, UC-2, UC-6
12	Game Theory (offered in a foreign language)	C	3,00			3,00		GPC-1, PC-4, PC-5, PC-6, PC-7, UC-1, UC-2, UC-6
13	Linear Algebra	C	9,00	9,00				GPC-3, PC-2, PC-3, PC-6, PC-7, UC-2, UC-6
14	Financial Accounting and Reporting	C	6,00	6,00				GPC-1, GPC-2, GPC-3, PC-1, PC-2, PC-3, PC-4, PC-5, PC-7, PC-8, UC-1, UC-2, UC-6
15	Microeconomics-1	C	9,00	9,00				GPC-1, GPC-3, PC-1, PC-2, PC-3, PC-4, PC-7, UC-1, UC-2, UC-6
16	Mathematics for Economists	C	9,00	9,00				GPC-3, PC-2, PC-3, PC-6, PC-7, UC-2, UC-6
17	Introduction to Economics	C	9,00	9,00				PC-1, UC-1, UC-3
18	Calculus	C	10,00	10,00				GPC-3, PC-2, PC-3, PC-6, PC-7, UC-2, UC-6
	Elective Professional Block (Major)		48,00	3,00	6,00	9,00	30,00	
	3rd Year Elective Courses		6,00			6,00		
1	Instrumental Methods for Digital Economics	E	6,00			6,00		GPC-1, GPC-3, PC-10, PC-5, PC-6, PC-7, UC-6
2	International Financial Reporting Standards	E	6,00			6,00		GPC-1, GPC-2, GPC-3, PC-1, PC-10, PC-11, PC-2, PC-3, PC-4, PC-5, PC-6, PC-7, PC-8, PC-9, UC-1, UC-2, UC-4, UC-6
	Дисциплины по выбору 2 курс		6,00		6,00			
1	Instrumental Methods for Digital Economics	E	6,00		6,00			GPC-1, GPC-2, GPC-4, PC-1, PC-10, PC-11, PC-2, PC-3, PC-5, PC-8, PC-9, UC-1, UC-2, UC-3, UC-6
2	Economics of the Firm	E	6,00		6,00			GPC-1, GPC-2, GPC-3, PC-1, PC-2, PC-3, PC-4, PC-5, PC-7, PC-8, UC-1, UC-2, UC-6
	Дисциплины по выбору 3 курс		3,00			3,00		
1	Management Accounting	E	3,00			3,00		GPC-1, GPC-2, PC-1, PC-10, PC-11, PC-2, PC-3, PC-4, PC-5, PC-6, PC-8, PC-9, UC-1, UC-2, UC-4, UC-6
2	Recent Advances in Auction Theory (offered in a foreign language)	E	3,00			3,00		GPC-1, PC-10, PC-4, PC-6, PC-7, UC-1, UC-2, UC-6
	Дисциплины по выбору 4 курс		30,00				30,00	
	Дисциплины по выбору (Блок 1)		30,00				30,00	
1	Banking	E	6,00				6,00	GPC-1, GPC-2, PC-1, PC-10, PC-2, PC-3, PC-4, PC-5, PC-8, PC-9, UC-1, UC-2, UC-4, UC-6

2	Valuation of the Company (offered in a foreign language)	E	6,00				6,00	GPC-1, GPC-2, PC-1, PC-10, PC-11, PC-2, PC-3, PC-4, PC-5, PC-6, PC-7, PC-8, PC-9, UC-1, UC-2, UC-6
3	Investment Management (offered in a foreign language)	E	6,00				6,00	GPC-1, GPC-2, PC-1, PC-10, PC-11, PC-2, PC-3, PC-4, PC-5, PC-6, PC-7, PC-8, PC-9, UC-1, UC-2, UC-6
4	Risk Management	E	6,00				6,00	GPC-1, GPC-2, PC-1, PC-10, PC-11, PC-2, PC-3, PC-4, PC-5, PC-6, PC-7, PC-8, PC-9, UC-1, UC-2, UC-6
5	Applied Time Series Econometrics (studied in English) (offered in a foreign language)	E	6,00				6,00	GPC-1, GPC-2, GPC-3, PC-1, PC-10, PC-2, PC-3, PC-4, PC-5, PC-6, PC-7, UC-1, UC-2, UC-6
6	Microeconometrics	E	6,00				6,00	GPC-1, GPC-2, GPC-3, PC-1, PC-2, PC-3, PC-4, PC-5, PC-7, UC-1, UC-2, UC-6
7	Economics of Social Problems	E	6,00				6,00	GPC-1, GPC-2, PC-1, PC-10, PC-2, PC-3, PC-4, PC-5, PC-6, PC-7, UC-1, UC-2, UC-6
8	Industrial Organization (offered in a foreign language)	E	6,00				6,00	GPC-1, GPC-2, PC-10, PC-4, PC-6, PC-7, UC-1, UC-2, UC-6
	Проектная и научно-исследовательская работа		3,00	3,00				
1	Methodological Research Seminar	C	3,00	3,00				GPC-1, GPC-2, GPC-3, PC-1, PC-10, PC-11, PC-12, PC-13, PC-14, PC-15, PC-16, PC-2, PC-3, PC-4, PC-5, PC-6, PC-7, PC-8, PC-9, UC-1, UC-2, UC-4, UC-5, UC-6
	Internship		33,00		5,00	5,00	23,00	
	Professional Internship							
	Project Internship		15,00		5,00	5,00	5,00	
1	Project	C	5,00		5,00			GPC-1, GPC-2, GPC-3, GPC-4, PC-1, PC-10, PC-11, PC-12, PC-13, PC-14, PC-15, PC-16, PC-2, PC-3, PC-4, PC-5, PC-9, UC-1, UC-2, UC-3, UC-4, UC-5, UC-6, UC-8
2	Project	C	5,00			5,00		GPC-1, GPC-2, GPC-3, GPC-4, PC-1, PC-10, PC-11, PC-12, PC-13, PC-14, PC-15, PC-16, PC-2, PC-3, PC-4, PC-5, PC-9, UC-1, UC-2, UC-3, UC-4, UC-5, UC-6, UC-8
3	Project	C	5,00				5,00	GPC-1, GPC-2, GPC-3, GPC-4, PC-1, PC-10, PC-11, PC-12, PC-13, PC-14, PC-15, PC-16, PC-2, PC-3, PC-4, PC-5, PC-9, UC-1, UC-2, UC-3, UC-4, UC-5, UC-6, UC-8
	Research Internship		18,00				18,00	

1	Preparation of Graduation Thesis	E	18,00				18,00	GPC-1, GPC-2, GPC-3, PC-1, PC-10, PC-11, PC-12, PC-13, PC-14, PC-15, PC-16, PC-2, PC-3, PC-4, PC-5, PC-9, UC-1, UC-2, UC-4, UC-5, UC-6
	General Courses		15,00	5,00	5,00	2,00	3,00	
	Core General Courses		2,00	1,00	1,00			
1	Physical Training	C	1,00		1,00			UC-3, UC-7
2	Safe Living Basics	C	1,00	1,00				GPC-4, UC-8
	Optional General Courses		13,00	4,00	4,00	2,00	3,00	
1	Communications and Media Competence in Modern World	C	4,00		4,00			GPC-5, PC-10, PC-6, UC-1, UC-3, UC-4, UC-6
2	Philosophy	C	3,00				3,00	GPC-5, PC-10, PC-6, UC-1, UC-2, UC-3, UC-4, UC-6
3	Foundations of Russian Statehood	C	2,00			2,00		GPC-5, PC-10, PC-6, UC-1, UC-2, UC-3, UC-4, UC-6
4	Legal Literacy	C	4,00	4,00				GPC-4, PC-8, PC-9, UC-1, UC-10, UC-11, UC-2, UC-4, UC-5, UC-6, UC-8
	Minor		20,00		10,00	10,00		
1	Minor	C	20,00		10,00	10,00		GPC-1, PC-10, PC-4, PC-6, PC-9, UC-1, UC-2, UC-4
	English		1,00				1,00	
	Examinations		1,00				1,00	
1	Independent English Exam (offered in a foreign language)	C						GPC-1, PC-17, UC-4, UC-5
2	Project Proposal (offered in a foreign language)	C	1,00				1,00	GPC-1, PC-10, PC-9, UC-4, UC-5
3	English Language Integrative Exam (offered in a foreign language)	C						GPC-1, PC-17, UC-4, UC-5
	Optional Courses							
1	English Language (offered in a foreign language)	O	8,00	8,00				GPC-1, PC-10, PC-17, PC-8, PC-9, UC-1, UC-4, UC-5
2	Academic English Writing (offered in a foreign language)	O	2,00				2,00	GPC-1, PC-10, PC-17, PC-8, PC-9, UC-1, UC-4, UC-5
3	English Language (offered in a foreign language)	O	8,00		8,00			GPC-1, PC-10, PC-17, PC-8, PC-9, UC-1, UC-4, UC-5
	Data Culture		9,00		4,00	5,00		
1	Python Programming	C	4,00		4,00			GPC-1, GPC-2, GPC-3, PC-1, PC-10, PC-11, PC-15, PC-16, PC-2, PC-3, PC-4, PC-5, PC-6, PC-7, PC-8, PC-9, UC-1, UC-2, UC-6
2	Independent Programming Test. Intermediate	C						GPC-1, GPC-2, GPC-3, PC-15, PC-2, PC-5, PC-6, PC-7, UC-1, UC-2
3	External Examinations on Digital Skills. Entry-level	C						GPC-5, GPC-6
4	External Examinations on Digital Skills. Intermediate Level	C						GPC-5, GPC-6
5	External Examinations on Digital Skills. Final Level	C						GPC-5, GPC-6

6	Data Science, AI and Generative Models Independent Test. Intermediate	C	1,00			1,00		GPC-1, GPC-2, GPC-3, GPC-6, PC-15, PC-2, PC-5, PC-7, UC-1, UC-2
7	Data Analysis in Python	C	4,00			4,00		GPC-1, GPC-2, GPC-3, GPC-5, GPC-6, PC-1, PC-10, PC-11, PC-15, PC-16, PC-2, PC-3, PC-4, PC-5, PC-6, PC-7, PC-8, PC-9, UC-1, UC-2, UC-6
8	Independent Digital Literacy Test	C						GPC-1, GPC-2, GPC-3, PC-15, PC-2, PC-5, PC-6, PC-7, UC-1, UC-2
	Final State Certification (FSC)		3,00				3,00	
	Thesis Work		3,00				3,00	
1	Presenting of Graduation Thesis	C	3,00				3,00	GPC-1, GPC-2, GPC-3, GPC-4, PC-1, PC-10, PC-11, PC-12, PC-13, PC-14, PC-15, PC-16, PC-2, PC-3, PC-4, PC-5, PC-6, PC-7, PC-8, PC-9, UC-1, UC-2, UC-3, UC-4, UC-5, UC-6
	State Examinations							

Curriculum agreed:

Academic Supervisor	Tarovik E.V.	05.05.2022
Dean	PEKARSKIY S.E.	05.05.2022
Head of Centre for Educational Model Design	LEPESHKIN I.A.	12.05.2022

* Subject type:

Compulsory course	C
Elective course	E
Optional course	O